

Title (en)

Method for transmitting messages in ad hoc networks

Title (de)

Verfahren zum Senden von Nachrichten in Ad-hoc-Netzwerken

Title (fr)

Procédé d'envoi de messages dans des réseaux ad-hoc

Publication

EP 2849522 B1 20151118 (DE)

Application

EP 13184622 A 20130916

Priority

EP 13184622 A 20130916

Abstract (en)

[origin: CA2861474A1] A method for the wireless transmission and reception of messages in an asynchronous ad hoc network having a plurality of network nodes. A first network node periodically transmits messages with a predefined period length. A second network node defines at least two consecutive time intervals, each of which has the length of one period, of which a first time interval is in the past and a second time interval is in the future. The time intervals are subdivided into at least two time slots each. The second node calculates an occupancy for each time slot of the first time interval on the basis of the number of messages of one or more other network nodes received in this time slot; identifies the time slot having the lowest occupancy; and transmits at least one message in a time slot of the second time interval that corresponds to the identified time slot.

IPC 8 full level

H04W 74/08 (2009.01)

CPC (source: CN EP US)

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